Amendments to the Specification

Page 3, please replace the paragraph spanning line 17 through page 4, line 8 with the following rewritten paragraph:

Brief summary of the invention

To this end, the invention relates to a steel for mechanical construction, wherein its composition in percentages by weight is:

- $0.35\% \leq C \leq 1.2\%$
- $0.10\% \leq Mn \leq 2.0\%$
- $0.10\% \leq Si \leq 3.0\%$
- traces $\leq Cr \leq 4.5\%$
- traces $\leq Mo \leq 2.0\%$
- traces $\leq Ni \leq 4.5\%$
- traces $\leq V \leq 0.5\%$
- traces $\leq Cu \leq 3.5\%$ with $Cu \leq Ni\% + 0.6\ Si\%$ if $Cu \geq 0.5\%$
- traces $\leq P \leq 0.200\%$, traces $\leq Bi \leq 0.200\%$, traces $\leq Sn \leq 0.150\%$, traces $\leq As \leq 0.100\%$, traces $\leq Sb \leq 0.150\%$, with $0.050\% \leq P\% + Bi\% + Sn\% + As\% + Sb\% \leq 0.200\%$,
- traces $\leq Al \leq 0.060\%$
- traces $\leq Ca \leq 0.050\%$
- traces $\leq B \leq 0.01\%$
- traces $\leq S \leq$ ~~0.0200~~ 0.200%
- traces $\leq Te \leq 0.020\%$
- traces $\leq Se \leq 0.040\%$
- traces $\leq Pb \leq 0.070\%$
- traces $\leq Nb \leq 0.050\%$
- traces $\leq Ti \leq 0.050\%$

the remainder being iron and impurities resulting from the manufacture.